

VAMSI KRISHNA GARISAPATI

Full Stack Developer | React.js | Next.js | Django REST Framework | FastAPI | PostgreSQL

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PROFESSIONAL SUMMARY

Full Stack Developer with nearly 1 year of production experience building scalable web applications and SaaS products using React.js, Next.js, Django REST Framework, FastAPI, PostgreSQL, Redis, and Supabase. Skilled in frontend, backend, REST API development, authentication, database design, performance optimization, payments, and deployment. Improved performance with 40% lower database load, 95+ Lighthouse scores, and 25+ production bug fixes on a platform serving 5,000+ students and 100+ mentors.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Frontend: React.js, Next.js, TanStack Start, Redux, Zustand, TanStack Query, Tailwind CSS, Responsive UI, SEO, Core Web Vitals

Backend: Django REST Framework, FastAPI, RESTful APIs, API Integration, RBAC

Databases & Storage: PostgreSQL, Supabase, Redis

DevOps & Tools: Docker, Git, GitHub, CI/CD, Vercel, Cloudflare Pages, Postman

Payments & AI: Razorpay, Google Gemini API, AI Integration

WORK EXPERIENCE

Full Stack Developer | 10000 Coders | Hyderabad, India | July 2025 - Present

- Built production modules for onboarding, learning resources, certificates, feedback, ratings, and placement tracking using Next.js and Django REST Framework.
- Developed secure REST APIs with role-based access control for student, mentor, and admin workflows.
- Reduced database load by 40% using Redis caching on high-traffic APIs, improving backend response times under concurrent load.
- Achieved 95+ Lighthouse scores by improving Core Web Vitals with code splitting, lazy loading, and Next.js Image optimization.
- Built storage workflows for profile images, videos, and certificates with cleanup logic to reduce orphaned files and storage waste.
- Resolved 25+ production issues across Student and Mentor UIs while contributing to Agile sprints, code reviews, and deployments.

PROJECTS

MockArch - AI-Powered System Design Simulator | React 19, TypeScript, TanStack Start, FastAPI, Python, Supabase, Google Gemini, Razorpay, Cloudflare Pages | Live: <https://mockarch.in>

- Architected and launched a full-stack SaaS platform for system design practice, including UI, APIs, AI feedback, payments, and deployment.
- Built a drag-and-drop architecture canvas with 20+ automated checks for SPOFs, redundancy gaps, and queue misconfigurations.
- Created traffic simulation to model request flow and highlight bottlenecks with color-coded diagnostics.
- Integrated Google Gemini feedback, Razorpay Free/Pro subscriptions, server-side usage limits, and Supabase RLS data isolation.

ProHire Networks - Placement Platform Web App | Next.js App Router, React, Supabase, Tailwind CSS, TanStack Query, Zustand, Razorpay | Live: <https://www.prohirenetworks.com>

- Delivered a placement platform with jobs, applications, dashboard, onboarding, profiles, and mock interview booking workflows.
- Implemented Supabase Auth, protected routing, user-specific data access, and Next.js Server Actions/API routes.
- Integrated Razorpay payments and improved client/server state handling with TanStack Query and Zustand.

EDUCATION

B.Tech in Computer Science Engineering | PBR Visvodaya Institute of Technology & Science, Nellore, AP | 2020 - 2024 | GPA: 7.76/10